

L19 ANSWER 1 OF 3 USPATFULL
 AN 2002:344197 USPATFULL
 TI Knit fabrics for use in industrially launderable garments and garments made therefrom
 IN Hall, A. Steven, Spartanburg, SC, UNITED STATES
 Stephens, Larry H., Spartanburg, SC, UNITED STATES
 PI US 2002197926 A1 20021226
 AI US 2002-213175 A1 20020806 (10)
 RLI Continuation of Ser. No. US 2000-591664, filed on 9 Jun 2000, PENDING
 DT Utility
 FS APPLICATION
 LN.CNT 735
 INCL INCLM: 442/304.000
 NCL. NCLM: 442/304.000
 IC [7]
 ICM: D04B007-00
 ICS: B32B027-12; D04B009-00; D04B021-00; D04B011-00; D04B001-00

L19 ANSWER 2 OF 3 USPATFULL
 AN 2001:212254 USPATFULL
 TI Mat and method of manufacturing a mat
 IN Demott, Roy P., Spartanburg, SC, United States
 Gillis, Kimberly C., Moore, SC, United States
 Stringer, Ernest G., Spartanburg, SC, United States
 Hedley, Terence M., Leighton Buzzard, Great Britain
 PI US 2001044249 A1 20011122
 AI US 2001-809664 A1 20010315 (9)
 RLI Continuation-in-part of Ser. No. US 2000-527629, filed on 17 Mar 2000, PENDING
 PRAI GB 2000-6377 20000317
 GB 2000-19413 20000808
 DT Utility
 FS APPLICATION
 LN.CNT 904
 INCL INCLM: 442/304.000
 INCLS: 428/085.000; 442/312.000
 NCL NCLM: 442/304.000
 NCLS: 428/085.000; 442/312.000
 IC [7]
 ICM: B32B033-00
 ICS: B32B003-02; D04H011-00

L19 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS
 AN 1992:42871 CAPLUS
 DN 116:42871
 TI Polyester fibers for paper manufacture
 IN Horiuchi, Hajime; Okifuji, Shoji; Yuasa, Izumi; Akita, Satoshi
 PA Kuraray Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03180587	A2	19910806	JP 1989-321994	19891211
PRAI	JP 1989-321994		19891211		

=> d his

(FILE 'HOME' ENTERED AT 15:20:21 ON 27 MAY 2003)

FILE 'REGISTRY' ENTERED AT 15:20:28 ON 27 MAY 2003

L1 8 S MILEASE
L2 3 S LUBRIL

FILE 'USPATFULL, CAPLUS, EUROPATFULL, JAPIO' ENTERED AT 15:27:12 ON 27 MAY 2003

L3 8 S 82852-78-6/RN
L4 4 S 82852-78-6
L5 10 S 82852-79-7
L6 8 S L3 OR L4
L7 20 S 82852-79-7/RN
L8 24 S L7 OR L3
L9 5 S 188832-24-8/RN
L10 0 S L9 AND L8

FILE 'REGISTRY' ENTERED AT 15:31:01 ON 27 MAY 2003

L11 1 S 188832-24-8/RN

FILE 'USPATFULL, CAPLUS, EUROPATFULL, JAPIO' ENTERED AT 15:34:08 ON 27 MAY 2003

L12 894 S ETHYOXYLAT?
L13 528993 S POLYESTER
L14 221253 S SULFONAT?
L15 0 S L12 (2A) L13
L16 78637 S ETHOXYLAT?
L17 381 S L16 (2A) L13
L18 3 S L16 (2A) L13 (2A) L14
L19 3 S L17 AND L18

L1 ANSWER 7 OF 8 REGISTRY COPYRIGHT 2003 ACS
 RN 82852-78-6 REGISTRY
 CN **Milease HPA (9CI)** (CA INDEX NAME)
 ENTE A hydrophilic finishing agent for polyester textiles containing a polyester of ethylene glycol, polyethylene glycol, aromatic dicarboxylic acid and sulfonated aromatic dicarboxylic acid (ICI Americas, Inc.)
 MF Unspecified
 CI MAN
 LC STN Files: CA, CAPLUS, PROMT, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 4 REFERENCES IN FILE CA (1957 TO DATE)
 4 REFERENCES IN FILE CAPLUS (1957 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 115:138174 CA
 TITLE: Application of a wettable surface to hydrophobic polyester and articles therefrom
 INVENTOR(S): Meirowitz, Randy E.; Phelan, Robert J.
 PATENT ASSIGNEE(S): Kimberly-Clark Corp., USA
 SOURCE: Eur. Pat. Appl., 16 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 INT. PATENT CLASSIF.:
 MAIN: D06M010-10
 SECONDARY: C08J007-04; D06M015-507; D06M015-71; D04H001-42
 ADDITIONAL: A61F013-15
 INDEX: D06M101-32
 CLASSIFICATION: 40-9 (Textiles and Fibers)
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 438114	A1	19910724	EP 1991-100406	19910115
EP 438114	B1	19950405		
R: BE, DE, FR, GB, IT, LU, NL				
US 5130073	A	19920714	US 1990-464800	19900116
CA 2019284	AA	19910716	CA 1990-2019284	19900619
CA 2019284	C	20011030		
AU 9169370	A1	19910718	AU 1991-69370	19910115
AU 633677	B2	19930204		
ZA 9100299	A	19911030	ZA 1991-299	19910115
BR 9100173	A	19911022	BR 1991-173	19910116
US 5175050	A	19921229	US 1992-858277	19920326
PRIORITY APPLN. INFO.:			US 1990-464800	19900116

ABSTRACT:
 Wettable layers with good adhesion to substrate are prepd. by contacting polyester, esp. fiber, with a copolymer soln. at a temp. above the polyester melt point. The copolymer soln. may be contacted with the polyester after extrusion. Thus, as they exit the extruder, melt blown PET fibers are sprayed with a 2% aq. soln. of Milease HPA or Milease T.

SUPPL. TERM: polyester fiber melt finishing; block copolymer finishing melt fiber; wettable copolymer layer finishing fiber; hydrophilic finish hydrophobic fiber
 INDEX TERM: Polyester fibers, uses and miscellaneous
 ROLE: USES (Uses)
 (hydrophilic finishing agents for, block copolymers as)
 INDEX TERM: Web materials

(polyester, finished with hydrophilic copolymer)
INDEX TERM: 82852-78-6, Milease HPA 82852-79-7, Milease T
ROLE: USES (Uses)
(finishing agent, for PET fiber, for wettable surface)

REFERENCE 2

ACCESSION NUMBER: 110:40851 CA
TITLE: Articles containing fabric softener and soil release agent for treating fabrics in clothes dryer
INVENTOR(S): Trinh, Toan
PATENT ASSIGNEE(S): Procter and Gamble Co., USA
SOURCE: U.S., 20 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
INT. PATENT CLASSIF.:
MAIN: D06M013-30
US PATENT CLASSIF.: 252008600
CLASSIFICATION: 46-5 (Surface Active Agents and Detergents)
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4764289	A	19880816	US 1987-105760	19871005
CA 1331678	A1	19940830	CA 1988-578925	19880930
PRIORITY APPLN. INFO.:			US 1987-105760	19871005

ABSTRACT:

A compn. contg. a cationic and/or nonionic fabric softener and a high-melting anionic polymeric soil release agent (at least partially coated with nitrogenous polymer to inhibit interaction with softener) is deposited on a dispensing means such as a nonwoven fabric to prep. an article for imparting softness and soil release properties to laundered fabrics in an automatic dryer. A compn. contg. R₂N+Me₂ MeOSO₃⁻ (R = tallow alkyl) and poly(vinyl pyrrolidone)-coated Milease HPA powder was deposited on a nonwoven rayon fabric to prep. a fabric-conditioning article.

SUPPL. TERM: polyester soil release fabric; soil release treatment fabric; softener treatment fabric; dryer fabric softening soilproofing; quaternary ammonium softener fabric; ammonium softener fabric dryer; polyvinylpyrrolidone encapsulation soilproofing agent

INDEX TERM: Softening agents
(fabric conditioner contg. soil release agent and, for use in dryer)

INDEX TERM: Encapsulation
(of polymeric soil release agent, for compatibility with fabric softener)

INDEX TERM: Polyesters, uses and miscellaneous
ROLE: USES (Uses)
(soil release agents, fabric conditioners contg. softener and, for use in dryer)

INDEX TERM: Soilproofing
(agents, polymeric, fabric conditioner contg. softener and, for use in dryer)

INDEX TERM: Quaternary ammonium compounds, uses and miscellaneous
ROLE: USES (Uses)
(dimethylditallow alkyl, Me sulfates, softening agents, fabric conditioners contg. soil release agent and, for use in dryer)

INDEX TERM: Polyethers, uses and miscellaneous
ROLE: USES (Uses)

(polyester-, soil release agents, fabric conditioners
contg. softener and, for use in dryer)

INDEX TERM: Polyesters, uses and miscellaneous
ROLE: USES (Uses)
(polyether-, soil release agents, fabric conditioners
contg. softener and, for use in dryer)

INDEX TERM: 9022-20-2 40103-20-6D, Dimethylterephthalate-1,2-
propanediol copolymer, esters with polyethylene glycol
sulfoethyl ether 82852-78-6, Milease HPA 86714-02-5D,
esters with dimethylterephthalate-propanediol copolymer
118441-36-4 118441-37-5 118441-38-6 118441-39-7
118441-40-0
ROLE: USES (Uses)
(soil-release agent, fabric treatment by softener and, in
dryer)

INDEX TERM: 9002-98-6, Polyethylenimine 9003-39-8,
Poly(vinylpyrrolidone) 26913-06-4, Polyethylenimine, SRU
118338-66-2
ROLE: USES (Uses)
(soil-release agents coated by, for compatibility with
fabric softeners)

REFERENCE 3

ACCESSION NUMBER: 109:24421 CA
TITLE: Papermakers fabric with encapsulated monofilament
yarns
INVENTOR(S): Fleischer, Thomas B.; Palmer, Walter M.
PATENT ASSIGNEE(S): Huyck Corp., USA
SOURCE: U.S., 7 pp. Cont. of U.S. Ser. No. 665,666, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
INT. PATENT CLASSIF.:
MAIN: B01D039-08
SECONDARY: B32B005-02; D03D015-00; D21F001-10
US PATENT CLASSIF.: 428196000
CLASSIFICATION: 43-10 (Cellulose, Lignin, Paper, and Other Wood
Products)
Section cross-reference(s): 40
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4731281	A	19880315	US 1986-834153	19860227
PRIORITY APPLN. INFO.:			US 1984-665666	19841029

ABSTRACT:

Papermaker's fabric (wire cloth) with improved drainage and antisticking property are prepd. from uniformly precoated monofilament yarns having different coating thickness in machine and cross machine direction. Thus, a 0.41-mm PET monofilament yarn encapsulated with an aq. soln. of 3% fluorocarbon Zepel RN showed superior contamination resistance as compared to uncoated yarn.

SUPPL. TERM: papermaker fabric woven yarn coating; contamination
resistant coating papermaker fabric; nonstick coating
papermaker fabric; monofilament yarn coating wire cloth;
plastic wire cloth yarn coating

INDEX TERM: Paper
(manuf. of, plastic wire cloths for, contg. coated
monofilament yarns for improved sticking and
contamination resistance)

INDEX TERM: Polyester fibers, uses and miscellaneous

ROLE: USES (Uses)
 (monofilament yarns, antistick-coated, plastic wire
 cloths contg., with improved resistance to contamination)
 INDEX TERM: Coating materials
 (nonstick, for monofilament yarns, in manuf. of plastic
 wire cloths for paper making, with improved contamination
 resistance)
 INDEX TERM: 78474-68-7, Zepel RN 82852-78-6, Milease HPA
 115003-94-6, Milease F 31X 115165-94-1, Vitel VPE 4709A
 ROLE: USES (Uses)
 (monofilament yarns coated with, for paper-machine
 plastic wire cloths for improved resistance to
 contamination and stickiness)

REFERENCE 4

ACCESSION NUMBER: 97:111219 CA
 TITLE: Hydrophilic finishes for polyester: durability and
 processing advantages
 AUTHOR(S): Ferguson, Christopher A.
 CORPORATE SOURCE: ICI Americas Inc., Wilmington, DE, USA
 SOURCE: American Dyestuff Reporter (1982), 71(6), 43-7
 CODEN: ADREAI; ISSN: 0002-8266
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 CLASSIFICATION: 40-9 (Textiles)
 ABSTRACT:
 The advantages of the hydrophilic finishing of polyester textiles is discussed
 with emphasis on the application of Milease T [82852-79-7] and Milease HPA
 [82852-78-6] to polyester and cotton-polyester fabrics.
 SUPPL. TERM: hydrophilic finishing polyester textile; cotton polyester
 textile hydrophilic finishing; milease hydrophilic finishing,
 polyester textile
 INDEX TERM: Polyester fibers, uses and miscellaneous
 ROLE: USES (Uses)
 (hydrophilic finishing of, by Milease T and Milease HPA)
 INDEX TERM: Textiles
 (cotton-polyester, hydrophilic finishing of, by Milease T
 and Milease HPA)
 INDEX TERM: 82852-78-6 82852-79-7
 ROLE: USES (Uses)
 (hydrophilic finishing agents, for polyester textiles)

L2 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2003 ACS
RN 188832-24-8 REGISTRY
CN **Lubril QCX (9CI)** (CA INDEX NAME)
ENTE An ethoxylated polyester soil release agent (Rhone-Poulenc)
MF Unspecified
CI PMS, MAN
PCT Manual registration
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
2 REFERENCES IN FILE CA (1957 TO DATE)
2 REFERENCES IN FILE CAPLUS (1957 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 137:264467 CA
TITLE: Acrylic latex compositions as coatings for
textile-elastomer composites exhibiting suppleness and
appearance of genuine leather
INVENTOR(S): Vogt, Kirkland W.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 6 pp..
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
INT. PATENT CLASSIF.:
MAIN: B32B003-00
SECONDARY: B32B005-02; D03D015-00; B32B005-08; B32B027-02
US PATENT CLASSIF.: 442333000
CLASSIFICATION: 42-2 (Coatings, Inks, and Related Products)
Section cross-reference(s): 39, 40
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002142688	A1	20021003	US 2001-818246	20010327
WO 2002077090	A1	20021003	WO 2002-US2677	20020129

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-818246 20010327

ABSTRACT:

The compns. (L) comprise an anionically-stabilized waterborne acrylic latex (A), an acid-generating compd. (B), and a cloud-point surfactant (C), and the title composites are obtained by applying L onto a porous textile substrate (S), heating the coated fabric to cause coagulation of L over S and to dry the resultant composite without destroying the coagulated structure. Thus, coating a dyed and dried fabric of 100% cotton with a compn. comprising Hystretch V-60 (an A component) 100, Aptex Donor H-plus (a B component) 2, Cartafix U (a C component) 2, Alkasurf DAP 9 (surfactant) 3, and Lubril QCX (lubricating agent) 15 g and heating to 300.degree. F for 3 min gave a title composite having a supple drape and appearance.

SUPPL. TERM: textile elastomer composite acrylic latex coating compn;

cotton fabric acrylic coating genuine leather supple drape appearance

INDEX TERM: Acrylic rubber

ROLE: PEP (Physical, engineering or chemical process); POF (Polymer in formulation); PRP (Properties); PYP (Physical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)

(Hystretch V 29; acrylic latex compns. as coatings for textile-elastomer composites)

INDEX TERM: Synthetic rubber, uses

ROLE: PEP (Physical, engineering or chemical process); POF (Polymer in formulation); PRP (Properties); PYP (Physical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)

(Hystretch V 60; acrylic latex compns. as coatings for textile-elastomer composites)

INDEX TERM: Surfactants

(anionic; acrylic latex compns. as coatings for textile-elastomer composites)

INDEX TERM: Textiles

(cotton-polyester; textile-elastomer composites coated with acrylic latex compns.)

INDEX TERM: Textiles

(cotton; textile-elastomer composites coated with acrylic latex compns.)

INDEX TERM: Textiles

(textile-elastomer composites coated with acrylic latex compns.)

INDEX TERM: Coating materials

(water-thinned; acrylic latex compns. as coatings for textile-elastomer composites)

INDEX TERM: 111-55-7, Aptex Donor H-plus

ROLE: MOA (Modifier or additive use); USES (Uses)

(acid stabilizer; acrylic latex compns. as coatings for textile-elastomer composites)

INDEX TERM: 57973-85-0, Cartafix U

ROLE: MOA (Modifier or additive use); USES (Uses)

(cloud-point surfactant; acrylic latex compns. as coatings for textile-elastomer composites)

INDEX TERM: 188832-24-8, Lubril QCX

ROLE: MOA (Modifier or additive use); USES (Uses)

(lubricating agent; acrylic latex compns. as coatings for textile-elastomer composites)

INDEX TERM: 384841-45-6, Alkasurf DAP 9

ROLE: MOA (Modifier or additive use); USES (Uses)

(surfactant; acrylic latex compns. as coatings for textile-elastomer composites)

REFERENCE 2

ACCESSION NUMBER: 126:265129 CA

TITLE: Lubricant and soil release finish and its application on yarns

INVENTOR(S): Schuette, Robert Louis; Demott, Phillip; Taylor, Derek; Lee, Angel

PATENT ASSIGNEE(S): Milliken Research Corp., USA; Schuette, Robert Louis; Demott, Phillip; Taylor, Derek; Lee, Angel

SOURCE: PCT Int. Appl., 20 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

INT. PATENT CLASSIF.:
MAIN: C10M001-08

CLASSIFICATION: 40-9 (Textiles and Fibers)
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9708278	A1	19970306	WO 1996-US12758	19960823
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
US 5725951	A	19980310	US 1995-520059	19950828
AU 9668957	A1	19970319	AU 1996-68957	19960823
EP 793746	A1	19970910	EP 1996-929658	19960823
R: BE, CH, DE, ES, FR, GB, IT, LI				
BR 9607377	A	19980714	BR 1996-7377	19960823
US 5935484	A	19990810	US 1997-990404	19971215
PRIORITY APPLN. INFO.:			US 1995-520059	19950828
			WO 1996-US12758	19960823

ABSTRACT:

A yarn emulsion finish has a continuous aq. phase with a soil release agent and a discontinuous phase of a lubricating oil, providing a decrease in the amt. of lubricant required, combining/applying both finishes in a single step, and elimination of unnecessary process steps since the soil release agent is applied at ambient. A lubricant/soil release finish contg. 3.2% Lubril QCX, 20% Synlube 6340, and 76.8% water was applied (1%) onto polyester yarn and the yarn knitted into a sock showing soil release rating (AATCC 130-1977 using corn oil; 1 = worst; 5 = best) 4.5.

SUPPL. TERM: ethoxylated polyester soil release agent finish; ester lubricant finish polyester yarn; emulsion lubricant soil release polyester yarn

INDEX TERM: Fatty acids, uses
 ROLE: TEM (Technical or engineered material use); USES (Uses) (alkoxylated, lubricant; in lubricant and soil release finish for yarns)

INDEX TERM: Fabric finishing
 (emulsion; lubricant and soil release finish for yarns)

INDEX TERM: Polyesters, processes
 ROLE: MSC (Miscellaneous); PEP (Physical, engineering or chemical process); PROC (Process) (fiber; lubricant and soil release finish for yarns)

INDEX TERM: Lubricants
 Soilproofing agents
 (in lubricant and soil release finish for yarns)

INDEX TERM: Yarns
 (lubricant and soil release finish for yarns)

INDEX TERM: Polyamide fibers, processes
 Polyester fibers, processes
 Polyolefin fibers
 ROLE: MSC (Miscellaneous); PEP (Physical, engineering or chemical process); PROC (Process) (lubricant and soil release finish for yarns)

INDEX TERM: Esters, uses
 ROLE: TEM (Technical or engineered material use); USES (Uses) (lubricant; in lubricant and soil release finish for yarns)

INDEX TERM: Polyoxyalkylenes, uses
 Polyoxyalkylenes, uses
 ROLE: TEM (Technical or engineered material use); USES (Uses)

(polyamide-, soil release agent; in lubricant and soil release finish for yarns)

INDEX TERM: Polyoxyalkylenes, uses
Polyoxyalkylenes, uses

ROLE: TEM (Technical or engineered material use); USES (Uses)
(polyester-, soil release agent; in lubricant and soil release finish for yarns)

INDEX TERM: Polyamides, uses
Polyamides, uses
Polyesters, uses
Polyesters, uses

ROLE: TEM (Technical or engineered material use); USES (Uses)
(polyoxyalkylene-, soil release agent; in lubricant and soil release finish for yarns)

INDEX TERM: 25038-59-9, processes

ROLE: MSC (Miscellaneous); PEP (Physical, engineering or chemical process); PROC (Process)
(fiber; lubricant and soil release finish for yarns)

INDEX TERM: 188832-23-7, Lube Stat 5101 188832-24-8, Lubril QCX
188832-34-0, Synlube 6278 188832-35-1, Synlube 6340

ROLE: PRP (Properties); TEM (Technical or engineered material use); USES (Uses)
(in lubricant and soil release finish for yarns)

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